

NC OneMap Objectives, Goals, and Accountability Measures

Objective 1: NC OneMap provides access to geospatial data that are the “highest quality available” to ensure that the majority of GIS users in the state see NC OneMap as the primary and best resource when searching for geospatial data.

Goal 1.1: The NC OneMap database (data managed by CGIA) provides access to geospatial data that are complete, current, accurate, and reliable.

Measure 1.1: Percent of accessible NC OneMap layers from the NC OneMap database that meet their specified requirements for completeness, currency, content, and scale (requirements vary by layer).

Goal 1.2: NC OneMap provides reliable access to an increased depth and variety of critical and strategic datasets for base mapping, such as, but not limited to, geodetic control, elevation, orthophotography, surface waters, cadastral, streets and other transportation features, and jurisdictional boundaries.

Measure 1.2a: Percent increase in geospatial data (datasets and web services) accessible through NC OneMap.

Measure 1.2b: Percent of NC OneMap framework data layers available statewide and meeting maintenance requirements.

Goal 1.3: NC OneMap provides data layers that comply with GICC standards and documentation requirements (metadata).

Measure 1.3a: Percent of NC OneMap data layers served for data download having valid, FGDC-compliant, metadata records.

Measure 1.3b: Percent of NC OneMap data layers that have an applicable data standard and that are consistent with that standard.

Objective 2: NC OneMap is accessible and usable over the Internet, at a satisfactory level of performance, for all statewide users, including government agencies, utilities, private firms, schools, universities, and individual citizens.

Goal 2.1: NC OneMap publically available data on the Internet are widely used and free to search, discover, view, and acquire.

Measure 2.1a: Percent of months during which visitors to NC OneMap exceed a threshold that represents significant use of the site (to be determined).

Measure 2.1b: Percent increase in NC OneMap visits from discrete sources (users).

Goal 2.2: NC OneMap data are available 24 hours per day/seven days per week at a satisfactory level of performance.

Measure 2.2a: Percent of hours per year that NC OneMap is up and running (X hours/8760 or X hours/8784).

Measure 2.2b: Average time duration between NC OneMap outages.

Measure 2.2c: Average time duration of NC OneMap outages.

Measure 2.2d: Percent of months during which NC OneMap web services performance meets goals (e.g., 2 seconds or less for refreshing an image).

Goal 2.3: NC OneMap provides web services to meet a wide range of public and private business needs for all Internet users interested in North Carolina geospatial data.

Measure 2.3a: Percent increase in the number of applications consuming NC OneMap web services as identified by survey respondents.

Measure 2.3b: Percent of survey respondents who identify at least one business need satisfied by NC OneMap web services.

Objective 3: NC OneMap is responsive to real-world users and their geospatial data and services needs.

Goal 3.1: NC OneMap provides for interactive user comments, suggestions, and requests and responds to them appropriately.

Measure 3.1a: Percent of user comments, suggestions, and requests to NC OneMap responded to within specified response standards [to be determined].

Measure 3.1b: Percent of survey respondents who are satisfied with NC OneMap interactive tools.

Measure 3.1c: Percent of survey respondents who made a comment, suggestion, or request to NC OneMap and were satisfied with the NC OneMap response.

Goal 3.2: NC OneMap has increased awareness among current users, and new sectors of business, government, and the general public, about its improvements, including the GeoPortal and the availability of new data and services.

Measure 3.2: Percent of survey respondents who are aware of NC OneMap data and services.

Goal 3.3: NC OneMap has increased instances of geospatial data users using image services and map services to meet their business needs.

Measure 3.3: Percent increase in NC OneMap map service use.

Goal 3.4: NC OneMap has service level agreements (SLAs) with all data providers that set expectations for consistency with data standards and for currency of data.

Measure 3.4a: Percent of all NC OneMap data providers that have SLAs in place with NC OneMap.

Measure 3.4b: Percent of NC OneMap data providers that meet requirements for currency and comply with data standards for all datasets provided.

Goal 3.5: NC OneMap has innovative partnerships with local governments to archive geospatial data off-site for data retention and disaster recovery.

Measure 3.5a: Percent of NC OneMap data producers participating with the NC Office of Archives and History in geospatial data archiving with NC OneMap.

Measure 3.5b: Percent of NC OneMap data producers having appropriate disaster recovery and business continuity plans.

Measure 3.5c: Percent of NC OneMap data producers who regularly test their disaster recovery and business continuity plans.

Objective 4: NC OneMap is appropriately sustained financially.

Goal 4.1: NC OneMap has an increased percentage of funding from State appropriations and other sources and a decreased dependence on receipts from CGIA Professional Services.

Measure 4.1: Percent of NC OneMap funding (for staff, systems, software, operations) provided by State appropriations.

Policy Constraints for NC OneMap:

There are certain NC OneMap policy requirements (constraints on operations) that must not be violated. These are derived from the NC OneMap Vision Statement and Characteristics and are areas the GICC specifies as important NC OneMap values.

Constraint 1: NC OneMap data are free to view and download except when access is in conflict with federal and state privacy, security, and data confidentiality laws.

Constraint Measure 1: Number of violations of free access policy.

Constraint 2: NC OneMap data are redistributable, without restriction.

Constraint Measure 2: Number of violations of redistribution policy.

Constraint 3: Security measures will be implemented to protect any data that are deemed confidential or restricted, according to state and federal privacy, security, and data confidentiality laws.

Constraint Measure 3a: Number of violations of security policy.

Constraint Measure 3b: Number of exceptions to the State IT security policy requested by NC OneMap.